Claims

1. A method for calibrating the position of blades of a slitter-winder of a paper or board machine, which blades (11,12) are attached to blade carriages (11A,12A) or the like disposed on guides (14,13) or the like, in which method the position of the blades (11,12) of the slitter-winder is measured by means of a multipoint measurement method, whereby the position of the blade carriage (11A,12A) of the respective blade (11,12) is measured, **characterized** in that in the method, the position of the blades (11,12) is calibrated with a calibration tool (20), that a positioning member (21) of the calibration tool (20) is arranged to touch a slitting edge (17) of the blade (11) to be calibrated, that the position of the calibration tool (20) is measured by means of the multipoint measurement method and that the position of the slitting edge (17) of the blade (11) is determined based on the measurement result of the position of the calibration tool (20).

2. A method according to claim 1, **characterized** in that in measuring the position of the blade carriage (11A,12A) and the position of the calibration tool (20) the same multipoint measurement method is used.

3. A method according to claim 1 or 2, **characterized** in that the position of the blade carriage (11A,12A) or the like is determined by measuring, by means of a sensor (16,15) or the like, the position of a measuring member (18,19) attached to the blade carriage (11A,12A) and that the position of the calibration tool (20) is determined by measuring, by means of said sensor or the like, the position of a measuring member (23) attached to the calibration tool (20), whereby, on the basis of measurement results, the position of the slitting blade edge is determined.

4. A method according to any one of claims 1-3, **characterized** in that in the method a magnetostrictive measurement method is used, that the positions of a position magnet (18) attached to the blade carriage (11A) and of a position magnet (23) attached to the calibration tool (20) are determined by means of a magne-

tostrictive sensor (16), the calibration tool (20) being arranged to touch the slitting edge (17) of the blade (11), whereby, on the basis of measurement results, the exact position of the slitting blade edge can be determined.

5. A method according to any one of claims 1-4, **characterized** in that in the method, when calibration is carried out, the sensor (16) measuring the position of the calibration tool (20) automatically performs a measurement when it finds the measuring member (2) of the calibration tool (20).

6. A method according to any one of claims 1-4, **characterized** in that in the method, when the calibration tool (20) is arranged in its position, the measurement is initiated by pressing a control button or the like.

7. A device for calibrating the position of blades of a slitter-winder of a paper or board machine, which device is disposed in connection with the slitter-winder of the paper or board machine, which slitter-winder comprises pairs of blades comprising a top blade (12) and a bottom blade (11), attached to their respective blade carriages (11A,12A) arranged to be movable along a guide (14,13) or the like, in connection of which slitter-winder means (15,16,18,19) are arranged for measuring the position of the blades (11,12), **characterized** in that in the method the device used for calibrating the position of the blades (11,12) is a calibration tool (20) which is arranged to be attached to the same guide (14) with the blade (11) to be calibrated, that the calibration tool (20) comprises a means (21) for indicating the slitting edge (17) of the blade (11) and means (23,16) for measuring the position of the calibration tool (20).

8. A device according to claim 7, **characterized** in that a measuring member (19,18) is attached to the blade carriage (11A,12A), the position of which measuring member can be determined by means of a sensor (15,16) arranged in connection with the slitter-winder and that the calibration tool comprises a positioning member (21) for indicating the position of the slitting edge (17) of the blade (11)

and a measuring member (23) for measuring the position of the calibration tool (20) by means of the sensor (16) or the like.

9. A device according to claim 7 or 8, **characterized** in that the sensor (15,16) is a magnetostrictive sensor, and position magnets are attached to the blade carriage (11A,12A) and to the calibration tool (20).

10. A device according to any one of claims 7-9, **characterized** in that the calibration tool (20) is arranged to be movable along the guide (14,15) or the like, along which the blade carriage (11A,12A) of the blade (11,12) to be calibrated is arranged to be movable.